

Declaration and Power of Attorney For Patent Application

特許出願宣言書及び委任状

Japanese Language Declaration

日本語宣言書

下記の氏名の発明者として、私は以下の通り宣言します。

As a below named inventor, I hereby declare that:

私の住所、私書箱、国籍は下記の私の氏名の後に記載された通りです。

My residence, post office address and citizenship are as stated next to my name.

下記の名称の発明に関して請求範囲に記載され、特許出願している発明内容について、私が最初かつ唯一の発明者（下記の氏名が一つの場合）もしくは最初かつ共同発明者であると（下記の名称が複数の場合）信じています。

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

VERTICALLY-ALIGNED (VA) LIQUID

CRYSTAL DISPLAY DEVICE

上記発明の明細書（下記の欄で印がついていない場合は、本書に添付）は、

the specification of which is attached hereto unless the following box is checked:

月 日に提出され、米国出願番号または特許協定条約国際出願番号を とし、
(該当する場合) に訂正されました。

was filed on June 12, 1998

as United States Application Number or
PCT International Application Number

and was amended on
(if applicable).

私は、特許請求範囲を含む上記訂正後の明細書を検討し、内容を理解していることをここに表明します。

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

私は、連邦規則法典第37編第1条56項に定義されるとおり、特許資格の有無について重要な情報を開示する義務があることを認めます。

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

Japanese Language Declaration
(日本語宣言書)

私は、米国法典第35編119条(a)-(d)項又は365条(b)項に基づいて、米国以外の国の少なくとも一ヶ国を指定している特許に米国法典第365条(a)項に基づく国際出願、又に外国での特許出願もしくは発明者在の出願についての外国登録権をここに主張するとともに、登録権を主張している、不出願の前に出願された特許または発明者在の外国出願を以下に、枠内をマークすることで、示しています。

Prior Foreign Application(s)

外国での先行出願

9-155437

(Number) (番号)	Japan
9-230982	(Country) (国名)
9-230991	Japan
9-266937	(Country) (国名)
9-361384	Japan
(Number) (番号)	(Country) (国名)
(all of Pat. Apps.)	
(Number) (番号)	(Country) (国名)

私は、第35編米国法典第119条(e)項に基いて下記の米国特許出願規定に記載された権利をここに主張いたします。

(Application No.)
(出願番号)

(Filing Date)
(出願日)

私は、下記の米国法典第35編120条に基いて下記の米国特許出願に記載された権利、又は米国を指定している特許協力条約365条(c)に基づく権利をここに主張します。また、本出願の各請求範囲が米国法典第35編112条第1項又は特許協力条約で規定された方で先行する米国特許出願に係示されていない限り、その先行米国出願審査出日以降で本出願の日本国内または特許協力条約国際出日までの期間中に入手された、連邦規則法典第37編1条56項で定義された特許文書の有無に関する重要な情報について認証書があることを認識しています。

(Application No.)
(出願番号)

(Filing Date)
(出願日)

(Application No.)
(出願番号)

(Filing Date)
(出願日)

私は、私自身の知見に基づいて本宣言書で私が行なう声明が真実であり、かつ私の入手した情報と私の信じるところに基づく声明が全て真実であると信じてのこと、さらに故意になされた虚偽の表明及びそれと同様の行為は米国法典第18編第1001条に基づき、完全または拘禁、もしくはその両方に上り処罰されること、そしてそのような故意による虚偽の声明を行なえば、出願した、又は既に許可された特許の有効性が失われるることを認定し、よってここに上記のごとく宣言を致します。

I hereby claim foreign priority under Title 35, United States Code, Section 119 (a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Priority Not Claimed

既先種主張なし

12/June/1997

(Day/Month/Year Filed)

(出願年月日)

27/August/1997

(Day/Month/Year Filed)

(出願年月日)

27/August/1997

(Day/Month/Year Filed)

(出願年月日)

30/September/1997

(Day/Month/Year Filed)

(出願年月日)

26/December/1997

(Day/Month/Year Filed)

(出願年月日)

(Day/Month/Year Filed)

(出願年月日)

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

(Application No.)
(出願番号)

(Filing Date)
(出願日)

I hereby claim the benefit under Title 35, United States Code, Section 120 of any United States application(s), or 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code Section 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of application.

(Status: Patented, Pending, Abandoned)
(現況: 特許可済、係進行中、放棄済)

(Status: Patented, Pending, Abandoned)
(現況: 特許可済、係進行中、放棄済)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Japanese Language Declaration

委任状：私は、下記発明者として、以下の代理人をここに選任し、本願の手続を運行すること並びにこれに関する一切の行為を特許商標庁に対して行うことを委任する。
(代理人氏名および登録番号を明記のこと)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Attorney

Req. No.

Patrick G. Burns	29,367
Roger D. Greer	26,174
Lawrence J. Crain	31,497
Christopher J. Reckamp	34,414
Steven P. Fallon	35,132

書類の送付先：

Send Correspondence to:

Patrick G. Burns
GREER, BURNS & CRAIN, LTD.
Suite 8660 - Sears Tower
233 South Wacker Drive
Chicago, Illinois 60606

直通電話連絡先：(名称および電話番号)

Direct Telephone Calls to: (name and telephone number)

Patrick G. Burns
(312) 993-0080

唯一のまたは第一の発明者の氏名

Full name of sole or first inventor
Arihiro Takeda

因発明者の署名

Inventor's signature

Date

Arihiro Takeda

June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

郵便の宛先

Post Office Address c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第2の共同発明者の氏名 (該当する場合)

Full name of second joint inventor, if any

Katsufumi Ohmura

因第2発明者の署名

Second Inventor's signature

Date

Katsufumi Ohmura

June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

郵便の宛先

Post Office Address c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

(第六またはそれ以後の共同発明者に対してても同様な情報および署名を提供すること。)

(Supply similar information and signature for third and subsequent joint inventors.)

第三共同発明者名

Full name of third joint inventor, if any
Yoshio Koike

発明者印

日付

Inventor's signature

Date

June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address C/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第四共同発明者名

Full name of fourth joint inventor, if any

Shingo Kataoka

第四共同発明者

日付

Inventor's signature

Date

Shingo Kataoka June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address C/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第五共同発明者名

Full name of fifth joint inventor, if any

Takahiro Sasaki

第五共同発明者印

日付

Inventor's signature

Takahiro Sasaki June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address C/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第六共同発明者名

Full name of sixth joint inventor, if any

Takashi Sasabayashi

第六共同発明者印

日付

Inventor's signature

Date

Takashi Sasabayashi June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

私書箱

Post Office Address C/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

(第三以後の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第七共同発明者名	Full name of seventh joint inventor, if any. Hideaki Tsuda		
第七共同発明者 日付	Inventor's signature <i>Hideaki Tsuda</i> Date June 25, 1998		
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第八共同発明者名	Full name of eighth joint inventor, if any Hideo Chida		
第八共同発明者 日付	Inventor's signature <i>Hideo Chida</i> Date June 25, 1998		
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第九共同発明者名	Full name of ninth joint inventor, if any Makoto Ohashi		
第九共同発明者 日付	Inventor's signature <i>Makoto Ohashi</i> Date June 25, 1998		
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第十共同発明者名	Full name of tenth joint inventor, if any Kenji Okamoto		
第十共同発明者 日付	Inventor's signature <i>Kenji Okamoto</i> Date June 25, 1998		
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第十一共同発明者名	Full name of eleventh joint inventor, if any Hisashi Yamaguchi		
第十一共同発明者名	日付	Inventor's signature	Date
住所		Hisashi Yamaguchi	June 25, 1998
国籍	Residence Kawasaki-shi, Kanagawa, Japan		
郵便局	Citizenship Japanese		
郵便局	Post Office Address C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第十二共同発明者名	Full name of twelfth joint inventor, if any Minoru Otani		
第十二共同発明者名	日付	Inventor's signature	Date
住所		Minoru Otani	June 25, 1998
国籍	Residence Kawasaki-shi, Kanagawa, Japan		
郵便局	Citizenship Japanese		
郵便局	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第十三共同発明者名	Full name of thirteenth joint inventor, if any Makoto Morishige		
第十三共同発明者名	日付	Inventor's signature	Date
住所		Makoto Morishige	June 25, 1998
国籍	Residence Kawasaki-shi, Kanagawa, Japan		
郵便局	Citizenship Japanese		
郵便局	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第十四共同発明者名	Full name of fourteenth joint inventor, if any Noriaki Furukawa		
第十四共同発明者名	日付	Inventor's signature	Date
住所		Noriaki Furukawa	June 25, 1998
国籍	Residence Kawasaki-shi, Kanagawa, Japan		
郵便局	Citizenship Japanese		
郵便局	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第15共同発明者名

Full name of fifteenth joint inventor:
Tsuyoshi Kamada

第15共同発明者

日付

Inventor's signature

Tsuyoshi Kamada Date June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

郵便局

Post Office Address

c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第16共同発明者

Full name of sixteenth joint inventor, if any:

Yoshinori Tanaka

第16共同発明者

日付

Inventor's signature

Yoshinori Tanaka Date June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

郵便局

Post Office Address c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第17共同発明者名

Full name of seventeenth joint inventor, if any:

Atsuyuki Hoshino

第17共同発明者

日付

Inventor's signature

Atsuyuki Hoshino Date June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

郵便局

Post Office Address c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第18共同発明者

Full name of eighteenth joint inventor, if any:

Shougo Hayashi

第18共同発明者

日付

Inventor's signature

Shougo Hayashi Date June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

郵便局

Post Office Address c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第十九共同発明者名	Full name of nineteenth joint inventor.
新井 隆一 日付	Hideaki Tachibana Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan
国籍	Citizenship Japanese
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
第二共同発明者	Full name of twentieth joint inventor, if any.
新井 隆一 日付	Takeshi Kinjou Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan
国籍	Citizenship Japanese
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
第二十一共同発明者名	Full name of twenty-first joint inventor, if any.
新井 隆一 日付	Makoto Tachibana Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan
国籍	Citizenship Japanese
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
第二十二共同発明者	Full name of twenty-second joint inventor, if any.
新井 隆一 日付	Keiji Imoto Date June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan
国籍	Citizenship Japanese
私書箱	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第二十三共同発明者名	Full name of twenty-third joint inventor, if any:
第二十三共同発明者名 日付	Tadashi Hasegawa
住所	Inventor's signature
国籍	Residence
私書箱	Kawasaki-shi, Kanagawa, Japan
第二十四共同発明者名	Citizenship
第二十四共同発明者名 日付	Japanese
住所	Post Office Address
国籍	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
私書箱	
第二十五共同発明者名	Full name of twenty-fourth joint inventor, if any:
第二十五共同発明者名 日付	Hidefumi Yoshida
住所	Inventor's signature
国籍	Residence
私書箱	Kawasaki-shi, Kanagawa, Japan
第二十六共同発明者名	Citizenship
第二十六共同発明者名 日付	Japanese
住所	Post Office Address
国籍	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
私書箱	
第二十七共同発明者名	Full name of twenty-fifth joint inventor, if any:
第二十七共同発明者名 日付	Hiroyasu Inoue
住所	Inventor's signature
国籍	Residence
私書箱	Kawasaki-shi, Kanagawa, Japan
第二十八共同発明者名	Citizenship
第二十八共同発明者名 日付	Japanese
住所	Post Office Address
国籍	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
私書箱	

第廿六共同発明者名

Full name of twenty-sixth joint inventor, if any:

Yoji Taniguchi

第三十六共同発明者名 日付

Inventor's signature

Yoji Taniguchi

Date
June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

共同発明者

Post Office Address C/O FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第廿七共同発明者名

Full name of twenty-seventh joint inventor, if any:

Tetsuya Fujikawa

第廿七共同発明者名 日付

Inventor's signature

T. Fujikawa

Date
June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

共同発明者

Post Office Address C/O FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第廿八共同発明者名

Full name of twenty-eighth joint inventor, if any:

Satoshi Murata

第廿八共同発明者名 日付

Inventor's signature

Satoshi Murata

Date
June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

共同発明者

Post Office Address C/O FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第廿九共同発明者名

Full name of twenty-ninth joint inventor, if any:

Manabu Sawasaki

第廿九共同発明者名 日付

Inventor's signature

Manabu Sawasaki

Date

June 25, 1998

住所

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

共同発明者

Post Office Address C/O FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

(第三以降の共同発明者についても同様に記載し、署名をすること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三十共同発明者名		Full name of thirty joint inventor, if any: Tomonori Funose	
第三十共同発明者名	日付	Inventor's signature	Date
住所		Residence	June 25, 1998
国籍		Citizenship	Yonago-shi, Tottori, Japan
私書箱		Post Office Address	c/o YONAGO FUJITSU LIMITED, 650, Aza Otsukanoni, Sekishu-fu, Yonago-shi, Tottori 689-3524, Japan
第三十一共同発明者名		Full name of thirty-first joint inventor, if any: Siro Hirota	
第三十一共同発明者名	日付	Inventor's signature	Date
住所		Residence	June 25, 1998
国籍		Citizenship	Kawasaki-shi, Kanagawa, Japan
私書箱		Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
第三十二共同発明者名		Full name of thirty-second joint inventor, if any: Masahiro Ikeda	
第三十二共同発明者名	日付	Inventor's signature	Date
住所		Residence	June 25, 1998
国籍		Citizenship	Kawasaki-shi, Kanagawa, Japan
私書箱		Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan
第三十三共同発明者名		Full name of thirty-third joint inventor, if any: Kunihiro Tashiro	
第三十三共同発明者名	日付	Inventor's signature	Date
住所		Residence	June 25, 1998
国籍		Citizenship	Kawasaki-shi, Kanagawa, Japan
私書箱		Post Office Address	c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

(第三以降の共同発明者についても同様に記載し、筆名をとること)

(Supply similar information and signature for third and subsequent joint inventors.)

第三共同発明者名	Full name of thirty-fourth joint inventor, if any: Kouji Tsu		
姓 氏 名	日付	Inventor's signature	Date
田中　久司	8/11	Kouji Tsu	June 25, 1998
住所	Residence Yonago-shi, Tottori, Japan		
国籍	Citizenship Japanese		
郵便番号	Post Office Address c/o YONAGO FUJITSU LIMITED, 650, Aza Otsukanoni, Sekishu-fu, Yonago-shi, Tottori 689-3524, Japan		
第三共同発明者名	Full name of thirty-fifth joint inventor, if any: Yasutoshi Tasaka		
姓 氏 名	日付	Inventor's signature	Date
田中　泰史	8/11	Yasutoshi Tasaka	June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
郵便番号	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第三共同発明者名	Full name of thirty-sixth joint inventor, if any: Takatoshi Mayama		
姓 氏 名	日付	Inventor's signature	Date
田中　泰史	8/11	Takatoshi Mayama	June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
郵便番号	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		
第三共同発明者名	Full name of thirty-seventh joint inventor, if any: Seiji Tanuma		
姓 氏 名	日付	Inventor's signature	Date
田中　成二	8/11	Seiji Tanuma	June 25, 1998
住所	Residence Kawasaki-shi, Kanagawa, Japan		
国籍	Citizenship Japanese		
郵便番号	Post Office Address c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan		

(第三以上の共同発明者についても同様に記入し、並びを下
ること)

(Supply similar information and signature for third and subsequent
joint inventors)

第38共同発明者名

Full name of thirty-eighth joint inventor, if any:

Yohei Nakanishi

第38共同発明者

日付

Inventor's signature

Date

Yohei Nakanishi June 25, 1998

生年

Residence

Kawasaki-shi, Kanagawa, Japan

国籍

Citizenship

Japanese

社名

Post Office Address

C/O FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588, Japan

第39共同発明者名

Full name of thirty-ninth joint inventor, if any:

第39共同発明者

日付

Inventor's signature

Date

生年

Residence

国籍

Citizenship

社名

Post Office Address

第40共同発明者名

Full name of fortieth joint inventor, if any:

第40共同発明者

日付

Inventor's signature

Date

生年

Residence

国籍

Citizenship

社名

Post Office Address

09639926 3101200

2803.62444

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicants: Takeda et al.

Serial No.: 09/097,027

Filed: June 12, 1998

For: VERTICALLY-ALIGNED (VA)
LIQUID CRYSTAL DISPLAY
DEVICE

Examiner:

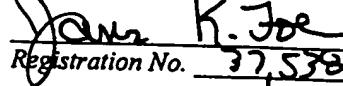
Art Unit: 2871

I hereby certify that this paper is being deposited with
the United States Postal Service as FIRST-CLASS mail
in an envelope addressed to: Assistant Commissioner
for Patents, Washington, D.C. 20231, on this date.

8/18/2000

Date
F-CLASS.WCM

Appr. February 20, 1998


Dan K. Joe
Registration No. 37,538

Attorney for Applicant

COPY

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents

Washington, D.C. 20231

Dear Sir:

The undersigned attorney of record in the above-identified patent application hereby
appoints,

Paul G. Juettner	Registration No. 30,270
Thomas R. Juettner	Registration No. 16,158
James K. Folker	Registration No. 37,538
Jonathan D. Feuchtwang	Registration No. 41,017
B. Joe Kim	Registration No. 41,895
Carole A. Mickelson	Registration No. 30,778

as associate attorneys in said application to prosecute said application and to transact all business in
the Patent and Trademark Office connected therewith, and requests that all correspondence continue
to be directed to the undersigned at the address of record, indicated below:

Respectfully submitted,
GREER, BURNS & CRAIN, LTD.

By


Patrick G. Burns

Registration No. 29,367

August 18, 2000
Sears Tower - Suite 8660
233 South Wacker Drive
Chicago, Illinois 60606
(312) 993-0080